GOVERNMENT OF INDIA
COAL
LOK SABHA

UNSTARRED QUESTION NO:4612
ANSWERED ON:15.12.2016
Efficiency of Coal Mines
Venugopal Dr. Ponnusamy

Will the Minister of COAL be pleased to state:

(a) whether any steps have been taken by the Union Government to increase the efficiency of coal mines in the country;

(b) if so, the details thereof;

(c) whether any swappings have taken place to ensure that coal is made available from a mine which is closer to the plant, if so, the details thereof and the savings achieved thereon; and

(d) whether the Coal India Limited proposes to increase the savings further through more swappings and if so, the details thereof?

Answer

MINISTER OF STATE (INDEPENDENT CHARGE) IN THE MINISTRY OF COAL, POWER, NEW AND RENEWABLE ENERGY AND MINES (SHRI PIYUSH GOYAL)

(a) & (b): Coal India Limited (CIL) has taken following steps to increase the efficiency of mines:

i. Benchmarking of mining operations/equipments.
ii. Optimizing size and capacity of the mine
iii. Maximum use of Mass production underground technology like longwall, continuous miner, road headers etc.
iv. Use of Man riding system in underground mines
v. Bigger sizes of equipment in opencast mines.
vi. Cutting down the idle time and breakdown time of machinery by better maintenance and timely procurement of spares.
vii. Correcting mismatch in excavation and transport equipment capacity
viii. Standardization of equipment fleet at mine level as well as at company level.
ix. Introduction of Operator Independent Truck Despatch System (OITDS) for improving capacity utilisation.
x. Rapid loading system for coal dispatch.
xi. Modern communication and reporting system.
xii. Several measures have been taken for ease of doing business.
xiii. Improvement of power factor at various locations
xiv. Implementation of E-procurement & Reverse auction for finalisation of contracts for materials, services, procurement of explosives and procurement of HEMM.
xv. Benchmarking of power and diesel consumption.

(c) & (d): Based on an Inter-Ministerial Task Force (IMTF) recommendations on rationalization of sources of coal to Power Sector rationalization of quantity of 24.236 MT enabling a potential savings of Rs 1013 crore has been done. (Provisional) Post IMTF CIL has rationalized sources for a quantity of 9.207 MT which has a potential transportation savings around 342 Crores (Provisional) rupees annually. Further, 14 TPPs of NTPC were considered for rationalization where a quantity of 5.56 MT has been rationalized leading to an annual potential savings of Rs 873 crores (provisional).

The proposal for source rationalization is received from the power plants and based on request received from the power plants, rationalization of sources is considered by CIL after detail examination.
<><><>